

Message

From: Benning, Brad [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F5B844A4F89C467E945DB2D3778E0008-BBENNING]
Sent: 10/17/2018 6:21:51 PM
To: Bassler, Rachel [Bassler.Rachel@epa.gov]; Faryan, Steve [faryan.steven@epa.gov]
CC: Leon, Heriberto [leon.heriberto@epa.gov]
Subject: RE: SH Bell Superfund Site map language

No edits from me.

From: Bassler, Rachel
Sent: Wednesday, October 17, 2018 1:18 PM
To: Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>
Cc: Leon, Heriberto <leon.heriberto@epa.gov>
Subject: RE: SH Bell Superfund Site map language

Just wanted to check in on this – did either of you have any edits?

Rachel Bassler
Press Officer
U.S. EPA Region 5
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p: 312-886-7159
c: 312-914-3393

From: Bassler, Rachel
Sent: Monday, October 15, 2018 11:18 AM
To: Faryan, Steve <faryan.steven@epa.gov>; Benning, Brad <benning.bradley@epa.gov>
Subject: FW: SH Bell Superfund Site map language

Hi Steve,

Below is the web team's revised language for the SH Bell site mapper on the website. Any edits?

TEXT FROM THE USEPA SAMPLING BOX IN THE MAP:

The sampling area is near the SH Bell facility and is bordered by 100th St, 104 St, Ewing Ave, and Green Bay Ave.

EPA's Removal Management Level (RML) in soil for manganese is 5,500 parts per million (ppm) at residential properties. Homes with Manganese levels above 1600 ppm, exceeded the Illinois EPA recommended remediation goal for soil. The 1600 ppm level is defined as a Remediation Objective under Illinois EPA guidance and is shown in look up tables in the Tiered Approach to Corrective Action Objectives 35 IAC Part 742.

EPA's Removal Management Levels (RML) in soil for lead are 400 parts per million (ppm) at residential properties. RMLs help identify areas, contaminants, and conditions where a removal action may be appropriate. Sites with contaminant concentrations above the RMLs may not necessarily warrant a removal action dependent upon such factors as background concentrations, the use of site-specific exposure scenarios or other program considerations.

What data was collected?

Soil sampling was conducted in the sampling area between May and October 2018.

Why was it collected?

Soil sampling was conducted as part of EPA's Superfund process to determine whether samples near the S.H. Bell Chicago facility contain high levels of lead and/or manganese.

Disclaimer:

This viewer provides information at the block level to protect personally identifiable information. It will not show individual address sample results. EPA will send letters to each resident with results for lead in soil.

Information on Manganese:

Manganese is a trace element and eating a small amount from food or water is needed to stay healthy. Exposure to excess levels of manganese may occur from breathing air, particularly where manganese is used in manufacturing, and from drinking water and eating food. At high levels, it can cause damage to the brain. [Click here to the City of Chicago Department of Health website.](#)

Information on Lead:

Exposure to high levels of lead can cause a range of health effects, from behavioral problems and learning disabilities to seizures and death. Children 6 years old and younger are most at-risk because their bodies are growing quickly and the effects of lead can cause problems. Children often have higher levels of exposure because they play in dirt and may put dirty hands in their mouths. Also, children who lack proper nutrition may absorb more lead and have more harmful effects. [Click here to link to US EPA's Lead website.](#)